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OTE: Signatures of all the inventors or assignment multiple forms if more than one algost	meas of record of th ure is required, see	e entire interest of below ^a .	their representati	ve(s) are required.

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STATEMENT UNDER SYAMER MAC(D)
Applicant/Petant Owner: James P. Campbell
Application No./Patent No.: Unassigned Filed/Issue Date: Herewith
Entitled: _COURSE WAVE DIVISION MULTIPLEXER
Tsunami Optics, Inc. 6 Corporation
(Name of Assignee) (Type of Assignee, e.g., composition, parametric, university, government agency, etc.)
States that it is:
1. A the assignce of the entire right, title, and interest, or
2. an assignee of an undivided part interest
In the patent application/patent identified above by virtue of either.
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Copies of assignments or other documents in the chain of title are attached. [NOTE: A separate copy (Le., the original assignment document of a true copy of the original document) must be exampled to Assignment Division in accordance with 37 CFR Part 8, if the assignment is to be recorded in the records of the USPTO, See MPEP 302.8]
ne undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the sesignes.
8-22-01 See Date
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Title

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Attorney Docket No. 020472-000410US

Recordation Form Cover Sheet U.S. Patent and Tradement Office PATENTS ONLY Patent and Tradement Office Name of conveying party(iee): Lemma P. Campbell Name P. Campbell Name P. Campbell Name: Tarmani Optics, Inc. Internal Address: Others of conveyences: City: Mountain View State: CA VIP: 84043 Additional names and addresses attached? Vec Since
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Name of conveying party(tes): Lemma P. Campbell Memoral name of conveying party(tes): Memoral
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Execution Date: August 22, 3001
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A. Patent Application No(s); C9/038,911 B. Patent No(s):
Additional numbers standard? Yes No
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concerning document should be mailed:
Name: J. Matthew Zigmant AND COSTALLS
TOWNSEND AND TOWNSEND AND CREW LLP Two Embaradaro Center, 8 th Floor Two Embaradaro Center, 8 th Floor
San Francisco, Colifornia 94111-3834
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Attomby Docket No.: 020472-000410US

assignment of patent application

SOLE

WHEREAS, James P. Campbell, of 3421 El Camino Real, No. 13, Afherton, CA 94027; hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent

Title of Invention:

COURSE WAVE DIVISION MULTIPLEXER

Date of execution of Declaration:

August 22, 2001

Filing Dete: August 24, 2001

Application No.: 09/938,911

WHEREAS, Taunami Optics, Inc., a corporation of the state of California, located at, 980 Linds Vista Avenue, , Mountain View, CA, 94043, hereinafter referred to as "ASSIGNEE," is desirous of sequiring an interest in the invention and application and in any U.S. Letters Parent and Registrations which may be granted on

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assigner had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patret applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Petent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Runcisco, CA 94111-3834, to insert berein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 8-22-01

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